

SHEET (1)

```
Module Module1
    Sub Main()
        Dim Type, Hours, Abs As Integer
        Dim Salary, AbPercent As Single
XXX:
        Console.WriteLine("Enter the worker type")
        Type = Console.ReadLine()
        Console.WriteLine("Enter the work hours")
        Hours = Console.ReadLine()
        Console.WriteLine("Enter the worker's absence days")
        Abs = Console.ReadLine()
        If Abs > 1 And Abs <= 5 Then AbPercent = 0.95
        If Abs > 5 And Abs <= 10 Then AbPercent = 0.93
        If Abs > 10 Then AbPercent = 0.9
        Select Case Type
            Case 1
                Salary = Hours * 30 * AbPercent + 100
            Case 2
                Salary = Hours * 40 * AbPercent + 200
            Case 3
                Salary = Hours * 50 * AbPercent + 300
            Case Else
                Console.WriteLine("Wrong Type")
                GoTo XXX
        End Select
        Console.WriteLine("The Worker's Salary " & Salary)
        Console.ReadLine()
    End Sub
End Module
```

SHEET (2)

```
Module Module1
    Sub Main()
        Dim i, j As Integer
        Dim Spc As String
        Spc = " "
        For i = 9 To 1 Step -1
            For j = 1 To i
                Console.Write("*")
            Next
            Console.WriteLine()
            Console.Write(Spc)
            Spc = Spc + " "
        Next
    End Sub
End Module
```

SHEET (3)

```
Module Module1
    Sub Main()
        Dim Num, Max, i As Integer
        Max = 0
        For i = 1 To 100
            Num = InputBox("Enter the " & i & "'s Number")
            If Num > Max And Num Mod 5 = 0 Then Max = Num
        Next
        Console.WriteLine("The Maximum Number is " & Max)
        Console.ReadLine()
    End Sub
End Module
```

SHEET (4)

```
Module Module1
    Sub Main()
        Dim A(10, 10), i, j, Max As Integer
        Max = A(0, 0)
        For i = 0 To 9
            For j = 0 To 9
                A(i, j) = InputBox("Enter Element")
            Next
        Next
        For i = 0 To 9
            If A(i, i) > Max And A(i, i) Mod 2 = 0 Then Max
= A(i, i)
        Next

        Console.WriteLine("The Maximum Number is " & Max)
        Console.ReadLine()
    End Sub
End Module
```

SHEET 5

```
Module Module1
    Sub Main()
        Dim X, Y, M As Integer
        Dim Res As Double
        X = InputBox("Enter X")
        Y = InputBox("Enter Y")
        M = InputBox("Enter M")
        Res = Result(X, Y, M)
        MsgBox("The Result is " & Res)
    End Sub
    Function Result(ByVal X As Integer,
        ByVal Y As Integer,
        ByVal M As Integer)
        Dim Res As Double
        Res = ((X + Y) ^ 3 - M) ^ 0.5
        Return (Res)
    End Function
End Module
```